

09/622523  
534 R PCT/PTO 1 8 AUG 2000

Express Mail Label No. EL018092617US #5 3-2-01  
Attorney's Docket No. S1022/8518  
Re-A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ISAKSSON, Mikael, BENGTTSSON, Daniel, SJÖBERG, Frank,  
ÖDLING, Per, NILSSON, Rickard, BAHLENBERG, Gunnar,  
Serial No.: Unassigned  
Filing Date: Herewith  
For: IMPROVEMENTS IN, OR RELATING TO VDSL

Examiner: Unassigned  
Art Unit: Unassigned

Box Patent Application  
Commissioner For Patents  
Washington, D.C. 20231

AMENDMENT

Sir/Madam:

Prior to examination please amendment the above-identified application as follows:

IN THE CLAIMS

- Claim 1, line 4, change "characterised in that" to --wherein--;  
Claim 2, lines 1 and 2, change "characterised in that" to --wherein--;  
Claim 3, lines 1 and 2, change "characterised in that" to --wherein--.

4. (Amended) A telecommunications system, as claimed in [any previous] claim 1, [characterised in that] wherein said pulse shaped wings are in the form of a raised cosine pulse.

5. (Amended) A telecommunications system, as claimed in [any previous] claim 1, [characterised in that] wherein the same number of sub-carriers are used for transmission in the up stream direction as are used for transmission in the down stream direction.

6. (Amended) A telecommunications system, as claimed in [any of claims 1 to 4] claim 1, [characterised in that] wherein a different number of sub-carriers are used for transmission in the up stream and down stream directions.